MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1926

J. A. BROWN, DIRECTOR

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Beirut, Syria

APRIL 1926
METEOROLOGICAL REGISTER

Date	Barometer reduced to OoC Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	763.4	762.4	761.8	762.5	23.7	15.2		11.3	
2	0.1	58.2	57.8	58.7	23.9	16.4		11.4	
3	55.2	3.8	3.5	4.2	26.5	16.4		8.4	
4	5.0	4.6	4.4	4.7	23.2	17 6		0.0	
5	3.4	3.8	5.9	4.4	20.0	13.1		5.1	33.52
6	6.9	7.7	8.6	7.7	16.6	11.3		1.3	28.96
7	9.3	9.4	60.0	9.6	16.6	9.7		3.3	39.90
8	63.0	63.6	5.1	63.9	16.4	9.6		9.6	.46
9	5.8	4.5	4.3	4.9	19.4	12.1		11.8	
10	3.8	3.5	3 8	3.7	19.8	12 8		11.6	
11	3.1	3.0	2.2	2.8	20.5	12.6		11.6	
12	0.2	1.3	2.8	1.4	20.5	14.7		11.8	
13	2.2	0.4	59 2	0.6	21.1	12.7		10.8	
14	57.1	58.0	60.2	58.4	25.0	17.7		9.0	
15	62.6	63.0	3.8	63.1	22.2	15.0		11.8	
16	4.4	4.1	3.6	4.0	22.2	15.1		11.8	
17	3.7	3.6	2.9	3.4	24.6	15.1		12.0	
18	1.4	3.0	5.8	3 4	25.6	17.9		10.1	
19	6.0	5.1	5.0	5.4	21.7	14.2		12 4	
20	4.6	3.4	3.3	3.8	21.1	15.1		8.7	
21	3.0	2.2	3.3	2.8	21.9	16.6		8.6	
22	3.4	3 5	3.7	3.5	22.4	16.7		9.9	
23	4.3	3.6	3.8	3.9	22.7	17.1		11.9	
24	2.7	1.3	1.0	1.7	27.8	16.9		10.7	
25	0.8	0.2	0.3	0.4	29.8	20.9		12.1	
26	1.3	0.2	0.2	0.6	30.9	21.5		12.1	
27	0.1	59.0	59.6	59.6	27.3	19.4		9.1	
28	0.0	60.5	60.4	60.3	24.6	18.2		2.2	
29	0.9	0.8	0.8	0.8	23.1	16.9		8.4	
30	0.6	59.6	59.4	59.9	22.7	14.7		9.6	
31									
	761.28	760 91	760.22	761.14	22.79	15.44		9.28	102.84

BAROMETER

Maximum 766.0 on 19th
Minimum 753.4 on 5th

THERMOMETER

Maximum 30.9 on 26th
Minimum 9.6 on 8th

RAINFALL

Maximum 39.90 on 7th

Number of days with rain 4, thunderstorms 0, gales 0.

APRIL 1926

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2;30	8:30	Mean	8:30	2:30	8:30	Mean
1	18.2	23.5	18.5	20.1	17.2	19,6	16.8	13.9	14.1	13.1	13.7	89	66	83	79
2	21.2	23.6	19.3	21.4	16.0	18.4	15.2	10.5	12.5	10.4	11.1	56	58	63	59
3	21.0	25.5	20.4	22.3	16.3	19.1	15.1	10.9	12.4	9.7	11.0	59	51	54	55
4	19.3	20.2	16.8	18.8	17.3	17.9	16.3	13.4	13.7	13.5	13.5	80	78	94	84
5	15.6	16.7	14.1	15.5	14.4	14.8	17.7	11.5	11.3	9.4	10.7	88	80	78	82
6	12.4	12.0	12.3	12.2	11.6	11.2	11.1	9.6	9.4	9 0	9.3	90	90	84	88
7	9.9	14.3	14.6	12.9	9.7	12.4	12.3	8.6	9.6	9.4	9.2	94	79	76	83
8	16.3	18.7	13.8	16.3	13.3	14.6	11.9	9.6	9.9	9.2	9.6	70	62	78	70
9	17.2	18.8	15.7	17 2	14.2	15.7	13.6	10.2	11.2	10.2	10.5	70	69	77	72
10	16.8	19.1	15,0	17 0	14.9	15.6	13.4	11.3	10.9	10.5	10.9	79	66	83	76
11	17.4	19.4	16.2	17.7	14.7	15 8	14.2	10.8	11.2	10.8	10.9	73	67	79	73
12	21.6	21.0	15 9	19.5	14.5	17.4	14.6	8.6	12.4	11.4	10.8	44	68	85	66
13	17.8	19.8	18.3	18.6	15.2	16 3	17.2	11.2	11.6	13.7	12.2	74	68	88	77
14	22.4	22.1	17.1	20.5	17.6	18 8	16.3	11.8	13.9	13 3	13.0	58	70	91	73
15	19.5	21.4	17.8	19.6	16 6	17 5	16 2	12.1	12.3	12.6	12.3	72	65	85	74
16	19.9	21.2	18.6	19.9	14 8	17 7	15.4	9.7	12.8	11.0	11.2	55	68	70	64
17	21.4	23.7	19.5	21.5	18.1	17.0	16.0	13.2	10.6	11.3	11.7	69	49	67	62
18	21.5	22.1	17.1	20 2	17.7	19.1	15.5	12.6	14.4	12.0	13.0	66	72	83	74
19	19.1	21.0	16.6	18.9	16 4	16.5	14.1	12.1	11.2	10.4	11.2	74	60	74	69
20	19.1	20.3	17.6	19.0	15.5	16.6	15.9	10.9	11.7	12.3	11.6	67	66	82	72
21	18.9	21.6	18.2	19.6	16.7	18.3	16.8	12.6	13.4	13.3	13.1	78	69	85	77
22	19.2	21.6	17.9	19.6	17.1	18.8	16.6	13 1	14.2	13.2	13 5	79	74	86	80
23	20.5	21.1	18.3	20.0	16.4	18.8	17.7	11.4	14.6	14.7	13.6	62	78	94	78
24	21.3	25.4	26.1	24.3	18.5	20.7	16 9	13.9	14.9	9.5	12.8	73	61	38	57
25	25.0	29.1	24.5	26.2	19.6	20.9	16.7	13.4	13.2	10.0	12.2	57	43	43	48
26	24.5	25.8	21,0	23.8	19.8	21.3	18.6	8.8	15.5	14.2	12.8	61	62	77	67
27	23.4	24.6	21.1	23.0	18.7	21.5	19.4	13,0	16.7	15.6	15.1	61	73	83	72
28	21.0	23.4	21.1	21.8	18.7	18 8	16.6	14.4	13.1	11.3	12 9	77	61	61	66
29	21,7	22,8	17.2	20.6	18.8	18.3	16.0	14.0	12.7	12.8	13,2	72	62	88	74
30	19.9	21.9	17.9	19.9	16.9	17.2	15.4	12.3	1 .6	11.4	11.8	70	59	75	68
31															
	19.43	21.39	17.95	19.60	16.24	17.55	15.65	11.65	12.57	11.64	11 95	70.6	66 5	76.8	71.3

Height of Barometer above sea level: 33.7 meters.
,, ,, Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1926

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1ci	0	0	0.3	3w	1w	1e	146.3	calm	heavy dew
2	2ci	5ci	4ci	3.7	1ne	1ne	0	118.6	,,	dew
3	9ci	3	2ci	4.7	0	1w	0	25.7	,,	mist sirocco
4	10cin	10cin	10cin	10 0	5	5	0	308.4	slight	
5	5cu cin	7cu n	10cu n	7.3	0	6	4	308.2	,,	th. lightn.
6	9cu n	9cu n	9cu n	9.0	4	2w	4s	469.8	rough	hail
7	8cu n	8cu n	9cu n	8.3	0	5	5	380.9	slight	th. lightn.
8	9cu n	2cu n	1	4.0	3s	5	1e	241.6	v. slight	
9	0	2	1	1.0	3	1w	2e	188.8	calm	
10	2	1	2cu ci	1.7	0	3w	0	131 1	,,	dew
11	2cu ci	2cu ci	1	1.7	0	5	1w	81.1	,,	dew
12	2ci	1	2	1.7	1	5	1	158.5	,,	sirocco
13	0	0	10cu n	3.3	3	2e	1e	195.8	v. slight	
14	2	0	1	1.0	3	3nw	0	280.8	,,	sirocco
15	1	1	1	1.0	1w	2w	1se	145.1	calm	dew
16	0	0	0	.0	3n	2n	4n	389.9	v. slight	
17	0	0	0	.0	2e	2nw	2e	141.5	calm	
18	5cu ci	1	0	2.0	3s	5	1w	178.3	v. slight	
19	3	2	3	2.7	2	4w	0	150.0	,,	
20	1ci	1	9	3.7	4nw	5n	5n	375.2	slight	
21	7	4cu ci	10cu n	7.0	5n	4n	3n	471.8	v. slight	
22	5ci	2	1	2.7	3n	3n	2n	363.5	,,	
23	0	2	0	0.7	4n	5n	1n	393.1	,,	
24	0	4	1cu ci	1.7	1n	2ne	0	239.3	calm	heavy dew
25	1	1	1	1.0	0	0	0	86.9	,,	hot wind at
26	2ci	3ci	3ci	2.7	1w	1w	0	84.7	,,	night
27	3ci	7ci	6ci	5.3	2w	1e	0	137.9	,,	
28	6ci	10 ci	2ci	6.0	4	1	0	193.7	,,	mist
29	8	1	6	5.0	2w	3	0	127.6	,,	
30	4	5cu ci	9	6.0	3	4w	0	78.9	,,	
31										
				3.51				219.77		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	5	1	1	0	2	9	5	1	6
2:30	5	2	2	0	0	9	9	2	1
8:30	5	0	5	1	1	3	2	0	13
Totals	15	3	8	1	3	21	16	3	20

N. B. — Cloud numbers without letters are all cu
Wind ,, ,, ,, ,, sw